

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 July 2007 (05.07.2007)

PCT

(10) International Publication Number
WO 2007/073610 A1

(51) International Patent Classification:
G06F 9/445 (2006.01)

(21) International Application Number:
PCT/CN2005/002306

(22) International Filing Date:
24 December 2005 (24.12.2005)

(25) Filing Language: English

(26) Publication Language: English

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR EFFICIENTLY ARRANGING PORTABLE EXECUTABLE (PE) IMAGES

(57) Abstract: When a processing system boots, an image loader may determine whether a portable executable (PE) image for a platform firmware runtime service includes a discardable section. The image loader may load part of the PE image into runtime memory to be used by the platform firmware. In response to determining that the PE image includes a discardable section, the image loader may omit at least part of the discardable section when loading the PE image into the runtime memory. Instead, the image loader may load the discardable section into boot-time memory. In another embodiment, the image loader may pre-allocate an area of runtime memory for PE images, and may load sections from multiple PE images into the pre-allocated area. Also, the image loader may use an alignment granularity that is smaller than the page size when loading the PE images into the pre-allocated area. Other embodiments are described and claimed.



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